

CLEAN VERSION OF REPLACEMENT CLAIM

Please cancel claim 7 without prejudice and substitute therefor the following new

claim 8:

Rule 1.26

~~7~~⁸. A sensing device for a safety belt comprising:

a tightening unit having a fastening unit, the tightening unit comprising an engaging element and a releasing button, and a partial of the releasing button being exposed laterally, the engaging element being adhered to lateral face of the releasing button to elastically mount a fastening plate of the safety belt, the engaging element comprising a fastening board having one end mounted with a rotating shaft having a twisting spring, reverse twisting of the twisted spring causing the fastening board to produce an engaging action;

a pulling force recording unit for mounting to a fastening seat of the safety belt, the pulling force recording unit comprising a clipping frame and a mounting frame, said mounting frame containing a fastening loop with one end protruded out of said clipping frame and an elastic mounting unit capable of changing resistance value when a pulling force is exerted, said elastic mounting unit comprising an elongated plate, a circuit board having function of converting pulling force into resistance, a plurality of compression springs and a stopping gear assembly, said stopping gear assembly having a gearing element mounted with a peg being inserted with a twisting spring, said gearing element facing a positioning ratchet, two ends of said peg being mounted perpendicularly with said clipping frame and said mounting frame, said gearing element being positioned to said ratchet when said elongated plate is pulled out, two ends of said compression springs respectively urging a spring support and a resisting plate such that said elongated plate is positioned in between

said clipping frame and said mounting frame, said circuit board being mounted adjacent to said elongated plate, a conductive layer, a plurality of variable resistance layers, two parallel high impact conductive layers and a signal output connector being mounted on said circuit board, said variable resistance layers being parallel to said conductive layer, said variable resistance layers and said conductive layer being in contact with a spring plate, said conductive layers being further away from said spring plate;

an impact status recording unit comprising a circuit board on which is mounted a pendulum which changes resistance value of the circuit board by swinging of the pendulum;

a record indication unit comprising two time indication circuits, a time adjusting button, an impact force indication light, at least one battery, a plurality of ICs, and a signal line connector, the two time indication circuits recording time simultaneously and being controlled by a time indication button, one of the time indication circuits receiving an impact signal from the pulling force record unit and the impact status record unit when impact occurs, and the other time indication circuits receiving an impact signal from the pulling force record unit and the impact status record unit when impact occurs; and

a fastening status recording unit comprising an enumerating sensing switch, and electrical signal and resistance of said units are transferred to the record indication unit.--